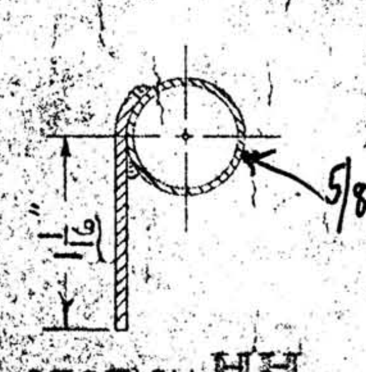
NOTE 1:

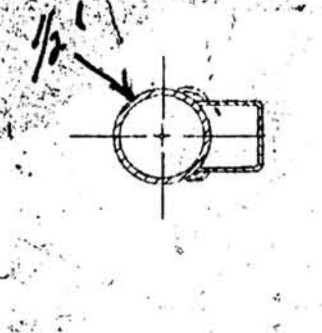
TO DETERMINE CORRECT POSITION OF BRACKETS 23131, PLACE TURTLEDECK ON SUPERSTRUCTURE FRAME IN CLOSED POSITION, ALIGN THE HOLES IN BRACKETS 23131 WITH THOSE IN TURTLEDECK HINGE SUPPORTS 23051 ON THE SUPERSTRUCTURE WITH A 1/16" WASHER BETWEEN BEARING SURFACES.

CLEARANCES TO BE MAINTAINED BETWEEN THE EDGES OF THE TURTLEDECK & SUPERSTRUCTURE:

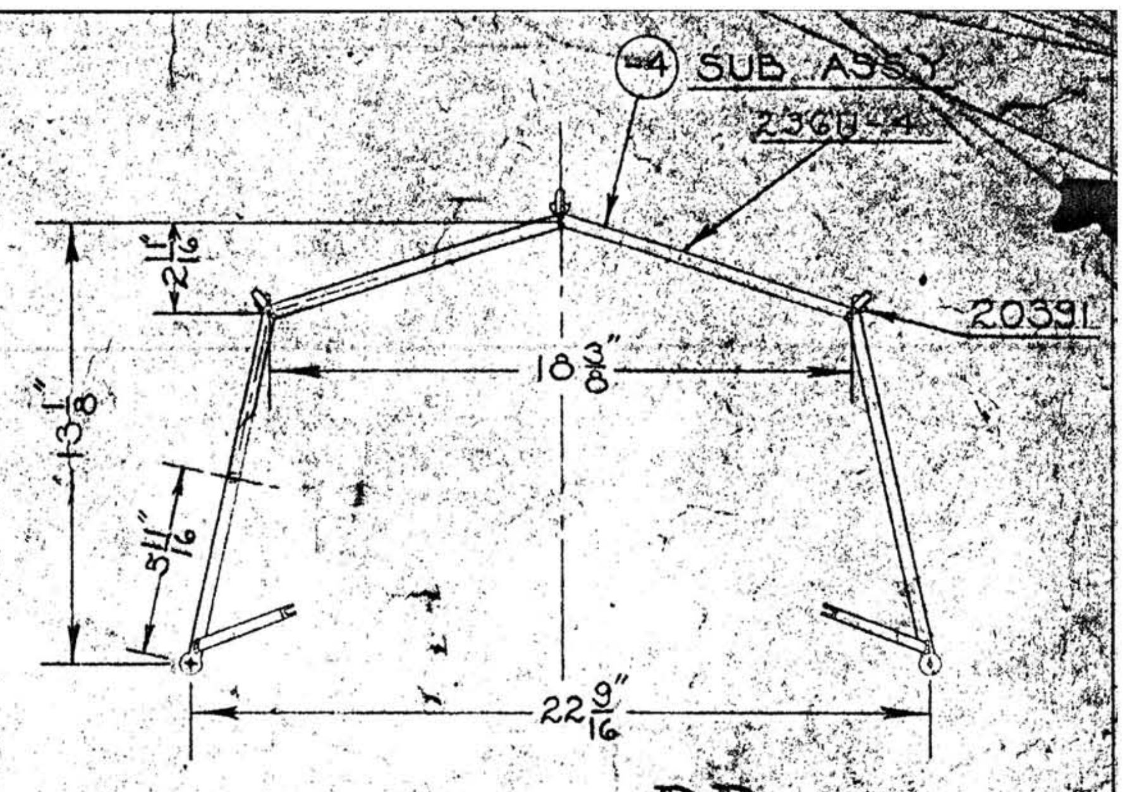
LEADING EDGE – 1/16"
TRAILING EDGE – 3/16"
BOTTOM EDGE – 1/4"



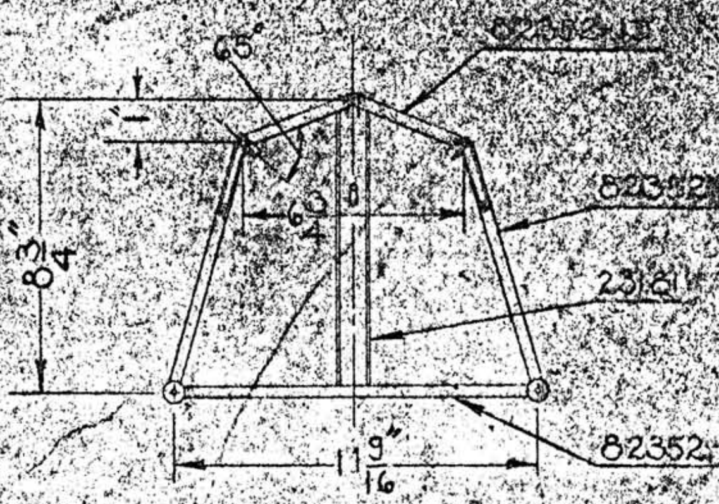
SECTION HH
FULL SIZE



SECTION LL
FULL SIZE


-4 SUB ASS'Y
23611-4
20391
18 3/8"
13 3/8
3 1/16"
22 9/16"
2 1/2

SECTION DD


65°
82352-11
82352-12
6 3/4
23181
8 3/4
11 9/16"
82352-11

SECTION GG

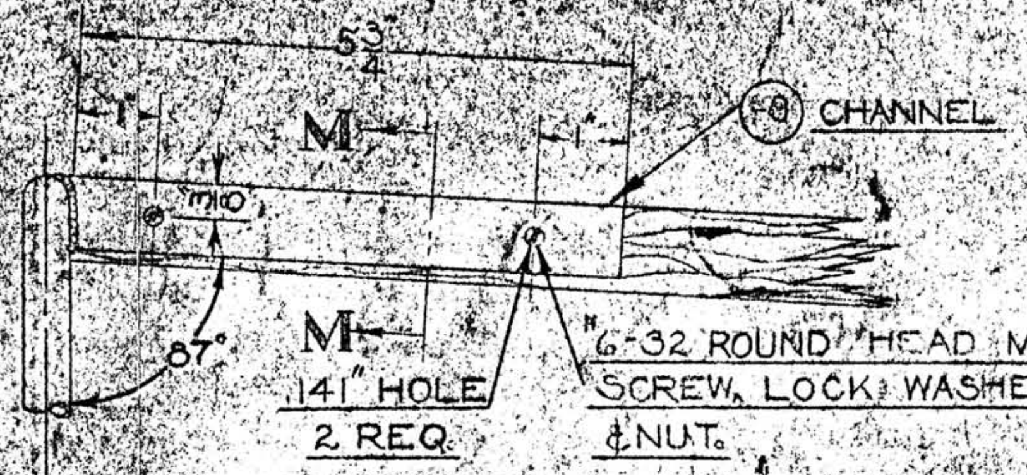

5 3/4"
M
1
7/16
87°
M
.141" HOLE
2 REQ.
-8 CHANNEL
#6-32 ROUND HEAD MACH. SCREW, LOCK WASHER & NUT.

FIG. 1
HALF SIZE

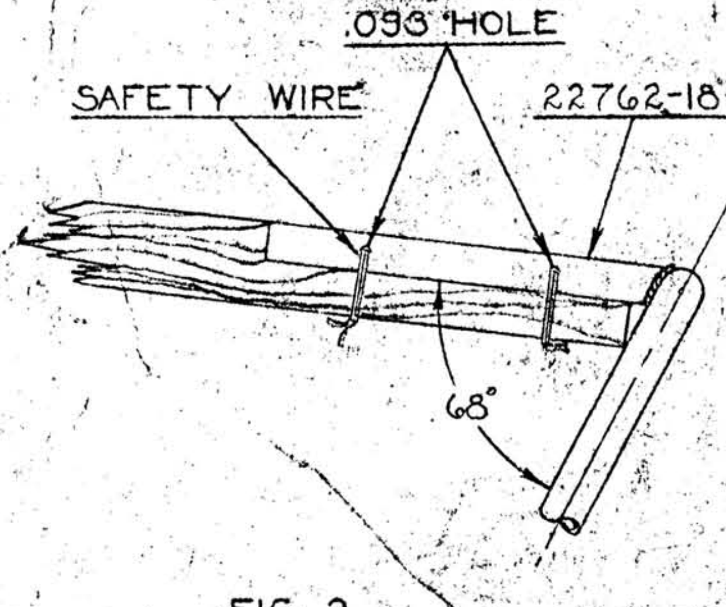
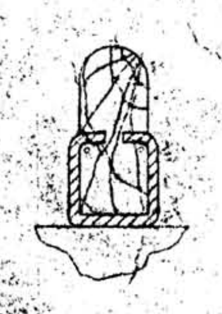
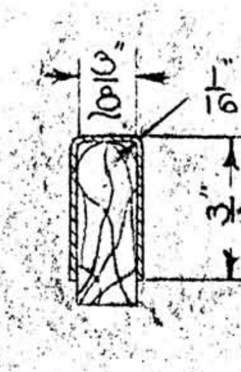

SAFETY WIRE
.093" HOLE
22762-18
68°

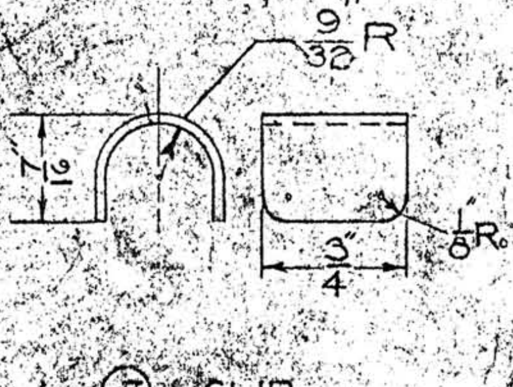
FIG. 2
HALF SIZE



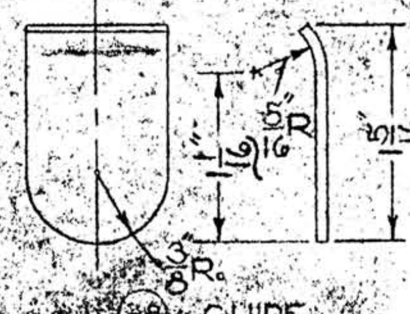
SECTION KK
FULL SIZE



SECTION MM
FULL SIZE


9/32" R
7/16
3/4"
1/8 R.

-7 CLIP
FULL SIZE


5/16" R
1 1/2
3/8 R.
2 1/16

-8 GUIDE
FULL SIZE

NOTE:
WHEN NECESSARY, TRIM STRINGER TO ALLOW FOR PROPER ALIGNMENT OF PLUNGER WITH GUIDE TUBE

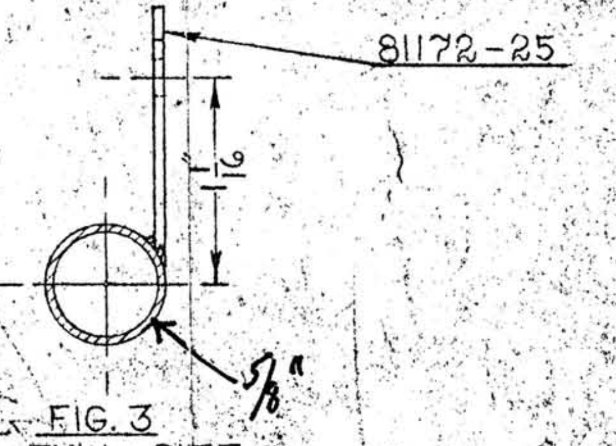
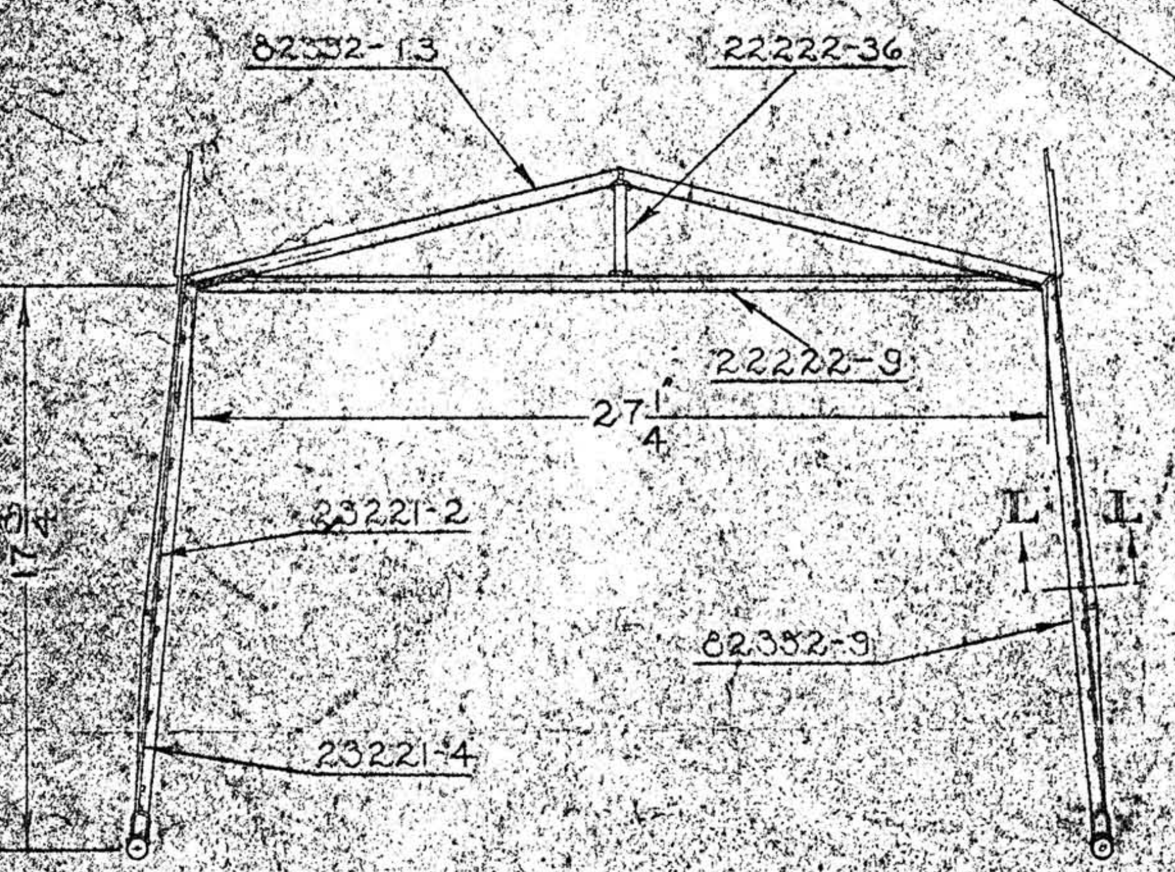
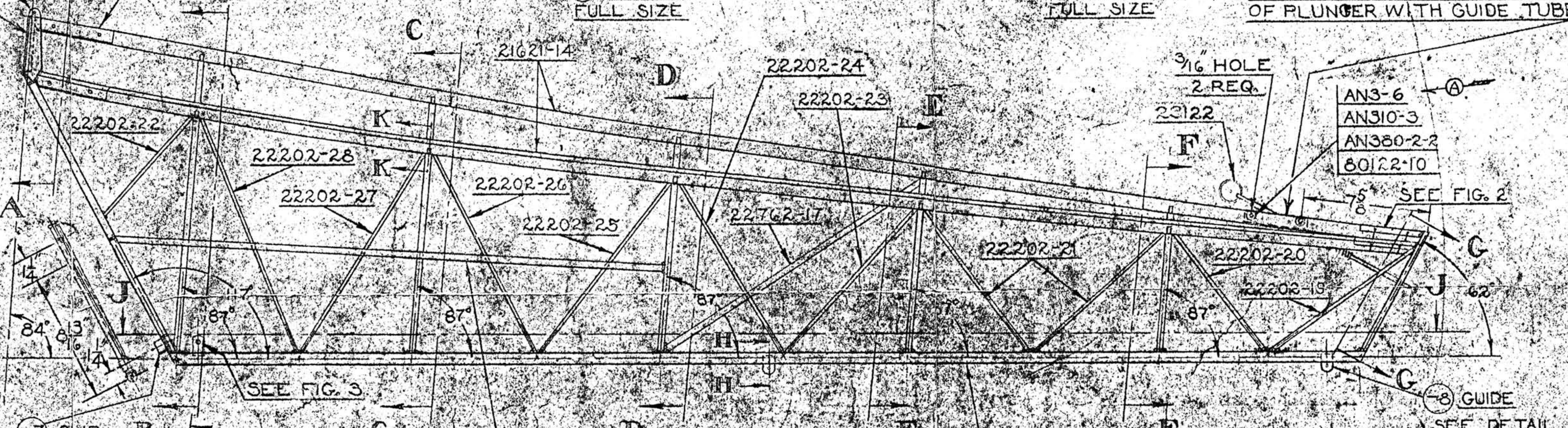
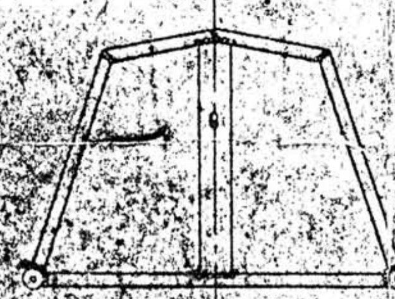
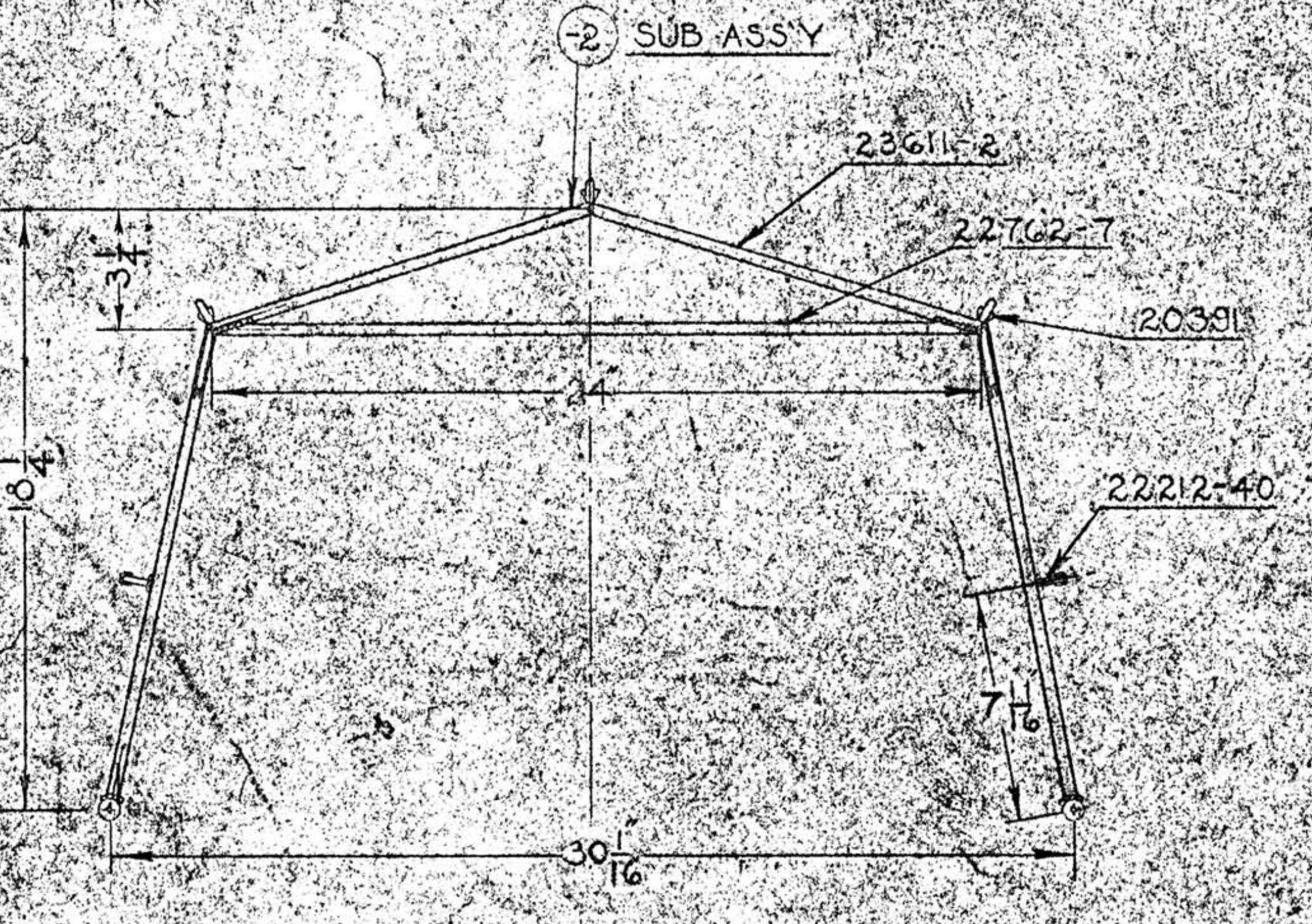

81172-25
1 1/16
3/8"

FIG. 3
FULL SIZE

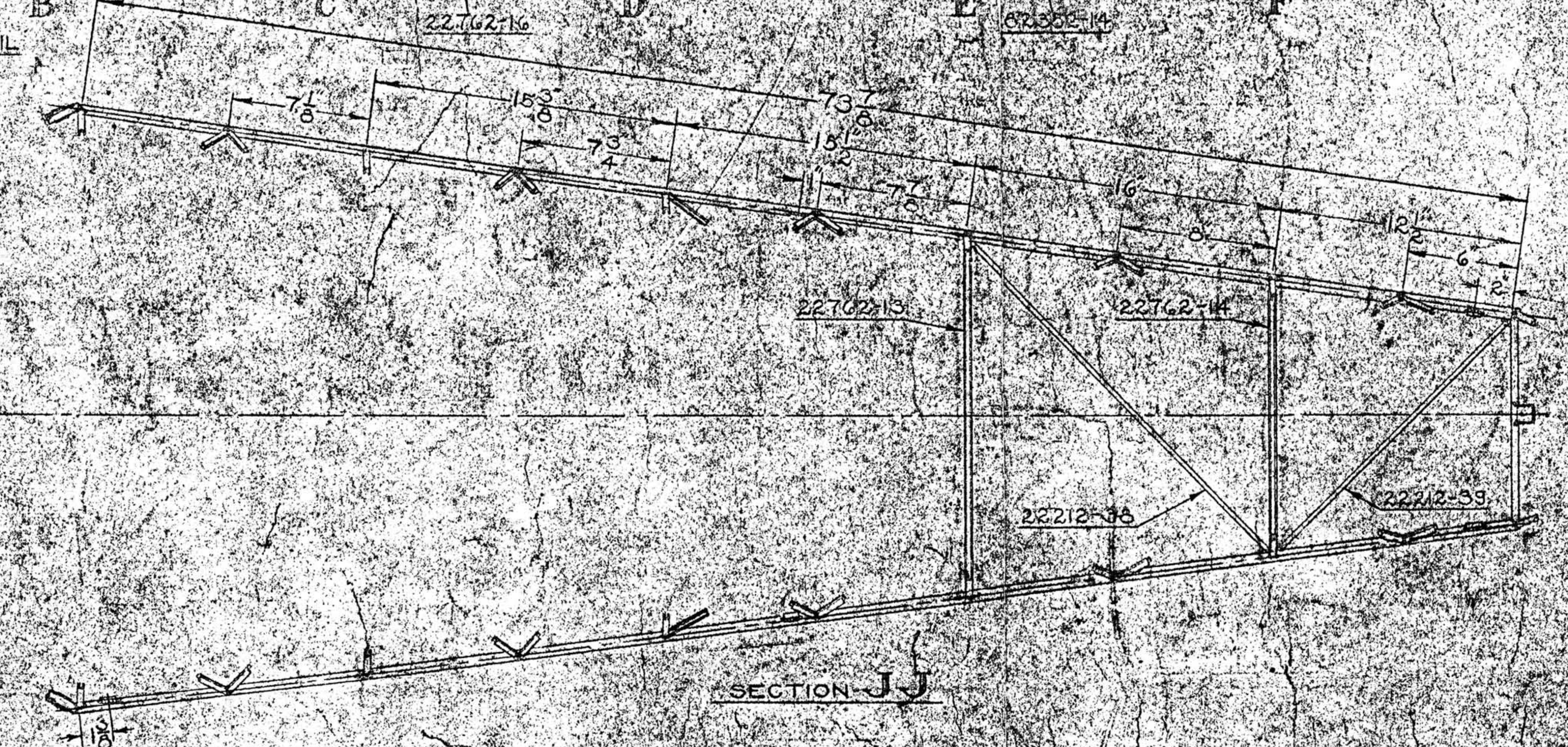

82352-13
22222-36
22222-9
27 1/4
23221-2
82352-9
23221-4
L
L


SEE NOTE 1
23131-LH
23131-1-R.H
SEE FIG. 1
A
B
C
D
E
F
G
21621-14
22202-22
22202-28
22202-27
22202-26
22202-25
22202-24
22202-23
22762-17
22202-21
22202-20
22202-19
K
K
J
J
H
H
87°
84°
8 13/16
1 1/4
62°
3/16" HOLE
2 REQ.
23122
AN3-6
AN310-3
AN380-2-2
80122-10
A
7 5/8
SEE FIG. 2
SEE FIG. 3
-7 CLIP
SEE DETAIL
-8 GUIDE
SEE DETAIL
22762-16
82352-14

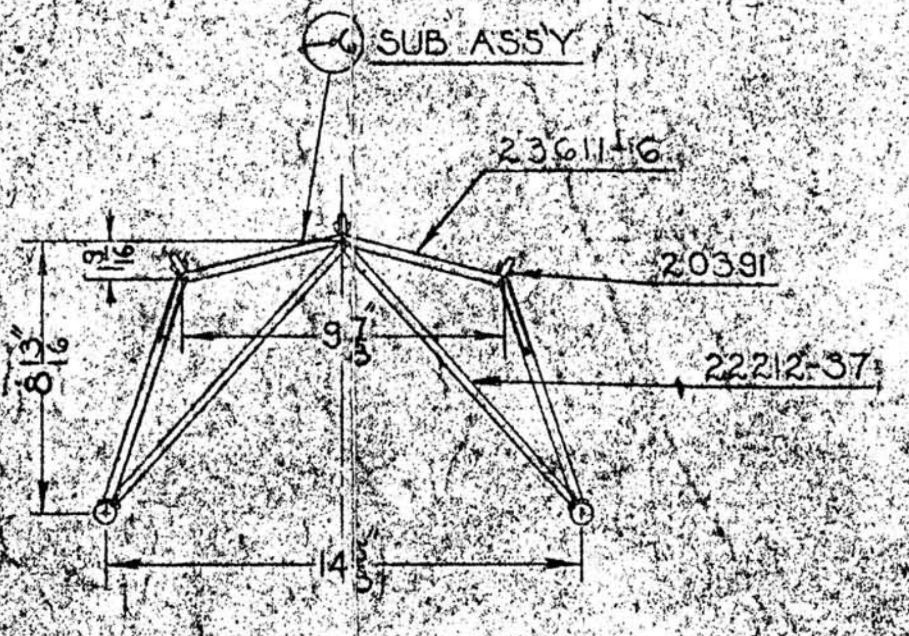



-2 SUB ASS'Y
23611-2
22762-7
20391
34
10 1/4
22212-40
7 1/16
30 1/16

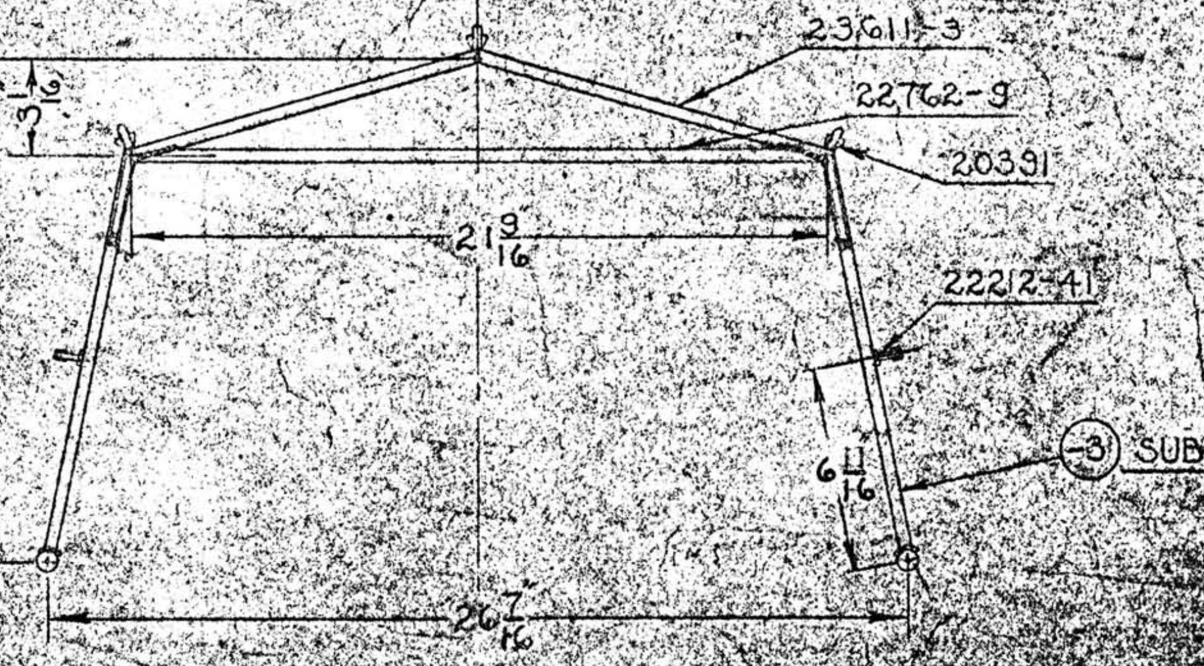
SECTION BB


7 1/8
15 3/8
7 3/4
73 7/8
15 1/2
7 3/4
16
12 1/2
6
22762-13
22762-14
22212-38
22212-39
1/8

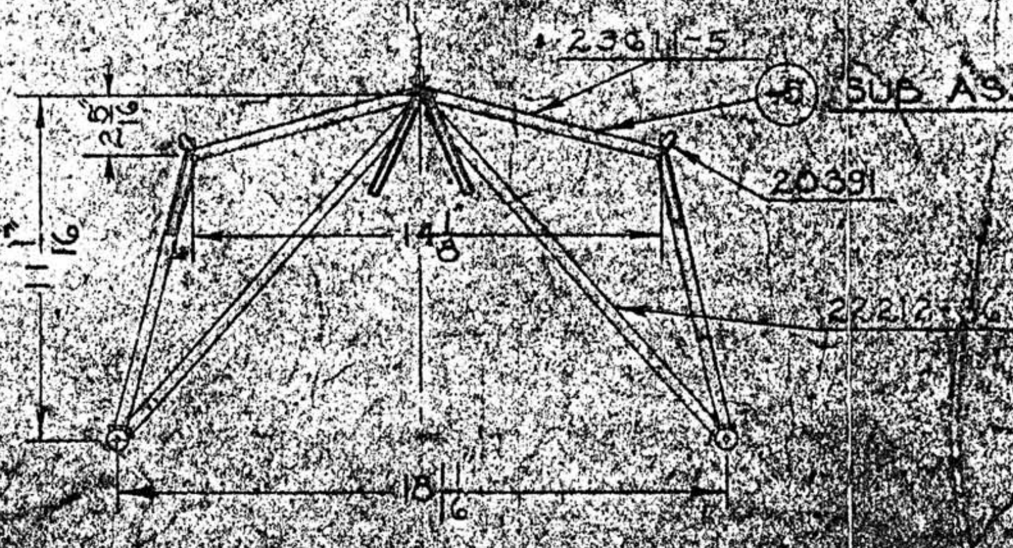
SECTION JJ


-6 SUB ASS'Y
23611-6
20391
22212-37
9 1/8
8 1/2
14 3/8

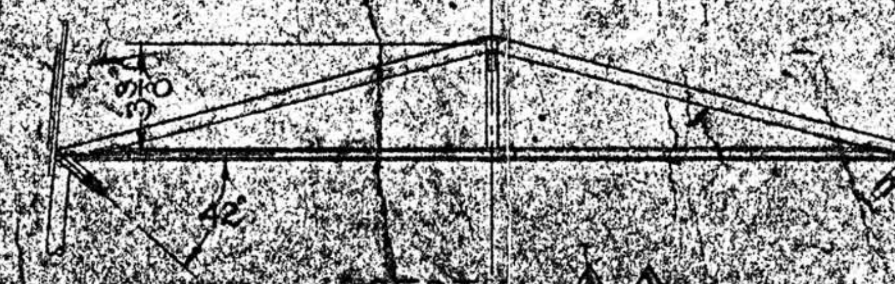
SECTION FF


23611-3
22762-9
20391
21 9/16
9 1/2
22212-41
6 1/16
-3 SUB ASS'Y
26 7/16

SECTION CC


23611-5
-5 SUB ASS'Y
20391
14 3/8
11 1/16
22212-36
18 1/16

SECTION EE



SECTION AA

PART NO.	NO. REQ.	SIZE / DESCRIPTION	MATERIAL
23131-1	1	HINGE	
81172-25	1	LUG	
#6-32	6	LOCK WASHER & [illegible]	
#6-32	6	3/8" LONG	RD. HD. MACH. [illegible]
-9	3	.020"x1 7/8"x5 3/4"	#1010-1020 STEEL
-8	4	.062"x3/4"x1 3/8"	#1025 STEEL
-7	2	.062"x3/4"x1 7/16"	#1025 STEEL
-6	1	CONSISTS OF -1 OF 23611-6, 2 OF 22212-37, 3 OF 20391	
-5	1	CONSISTS OF -1 OF 23611-5, 2 OF 22212-36, 3 OF 20391	
-4	1	CONSISTS OF -1 OF 23611-4, 3 OF 20391	
-3	1	CONSISTS OF -1 OF 23611-3, & 22762-9, 3 OF 20391	
-2	1	CONSISTS OF -1 OF 23611-2, & 22762-7, 3 OF 20391	
	6	.032"x6" LONG	BRASS WIRE
23122	1	PLUNGER	
22762-17	2	CHANNEL	
22762-16	2		
80122-10	2	WASHER	
AN380-2-2	2	COTTER PIN	
AN310-3	2	NUT	
AN3-6	2	BOLT	
21621-14	3	STRINGER	
23131	1	HINGE	
23181	1	PLUNGER GUIDE	
20391	15	CLIP	
82352-9	2	TUBES	
82352-15	2		
82352-14	2		
82352-13	2		
82352-12	2		
82352-11	1		
23221-4	2	CHANNEL FAIRING	
23221-2	2		
22222-9	1	CHANNEL	
22762-18	3		
22222-36	1		
22762-14	1		
22762-13	1		
23611-6	1		
23611-5	1		
23611-4	1		
22762-9	1		
23611-3	1		
22762-7	1		
23611-2	1		
22212-39	1		
22212-38	1		
22212-41	2		
22212-40	2		
22212-37	2		
22212-36	2		
22202-28	2		
22202-27	2		
22202-26	2		
22202-25	2		
22202-24	2		
22202-23	2		
22202-21	4		
22202-20	2		
22202-19	2		
22202-22	2		

SCALE 2"-1' & NOTED

MODEL	PER SHIP	NEXT ASSEMBLY	SUPERSEDES	SUPERSEDED BY
HE-1	1	23253		

	REVISION
A	AN3-6 WAS AN3-7

PIPER AIRCRAFT CORP.
LOCK HAVEN, PENNA.

TURTLEDECK ASS'Y

DRAWN	CHECKED
E.V. 7-24-42	R.C.M. 9-19-42

23235